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安徽旋蒴苣苔属(苦苣苔科)一新种*

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A NEW SPECIES OF *BOEA* (GESNERIACEAE) FROM ANHUI

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关键词 旋蒴苣苔属;安徽旋蒴苦苣苔

安徽旋蒴苣苔 新种 图 1

Boea densihispidula S. B. Zhou et X. H. Guo, sp. nov.

Species *B. clarkeanae* Hemsl. arcte affinis, sed herba omnino pilis multicellularibus albis dense obtusa, filamentis ovario stylo corolla calyceque extus dense glanduloso, calyce 7—9 mm longo, corolla caeruleo-purpurea, 14—17 mm longa, petiolis longioribus differt.

Herba perennis, omnino pilis multicellularibus albis dense obtusa, rhizomate breviter crasso. Folia omnia basilaria; laminae crasse chartaceae, ovato-ellipticae, ovatae vel obovatae, usque ad 10 cm longae, 6 cm latae, apice obtusae, basi cuneatae, margine supra basin regulariter crenatae, supra atro-virides, pilis albis rigidis multicellularibus densis et mollibus sparsis intermixis tectae, subtus cano-viridulae, magis dense albo-hispidulae, utrinque asperae, nervis lateralibus 5—7-jugis cum costa supra prominulis subtus valde elevatis; petioli cano-viriduli, usque 10 mm longi. Scapi 1-aliqot (persaepe 4), 12—20 cm alti, bis vel ter ramosi; bracteae late ovatae, usque ad 9 mm longae; pedicelli vix ultra 5 mm longi. Calyx campanulatus, 7—9 mm longus, extus dense hispidulus, intus sparse hispidulus et dense glandulosus, 5-fidus, limbo leviter bilabiato, lobis ovato-triangulatis c. 4 mm longis apice obtusis, lobo mediano labii superioris leviter latiore dilute thalassicus. Corolla caeruleo-purpurea, 14—17 mm longa, extus dense albo-puberula, intus dense glandulosa, tubo campanulato-tubuloso leviter curvato, 10—12 mm longo, limbo bilabiato, labio superiore 2-lobato, 3—4 mm longo, labio inferiore 3-lobato 4—5 mm longo. Stamina anteriora 2 fertilia, prope medium tubi corollae inserta, filamentis

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curvatis dense glandulosis, antheris 2-locularibus, divaricatis; staminodia superiora 3, linearia, lateralia longiora, medianum minutum. Discus annularis. Ovarium cylindricum, c. 7 mm longum, dense glandulosum, pluri-ovulatum; stylus robustus, c. 8 mm longus, dense glandulosus, stigma discoideum. Fructus ignotus.

Anhui(安徽): Guichi(贵池), Tanxi(棠溪), 1989.08.09, Zhou Xiu-fang(周秀芳) 89053 (Holotypus, ANU; Isotypus, PE).

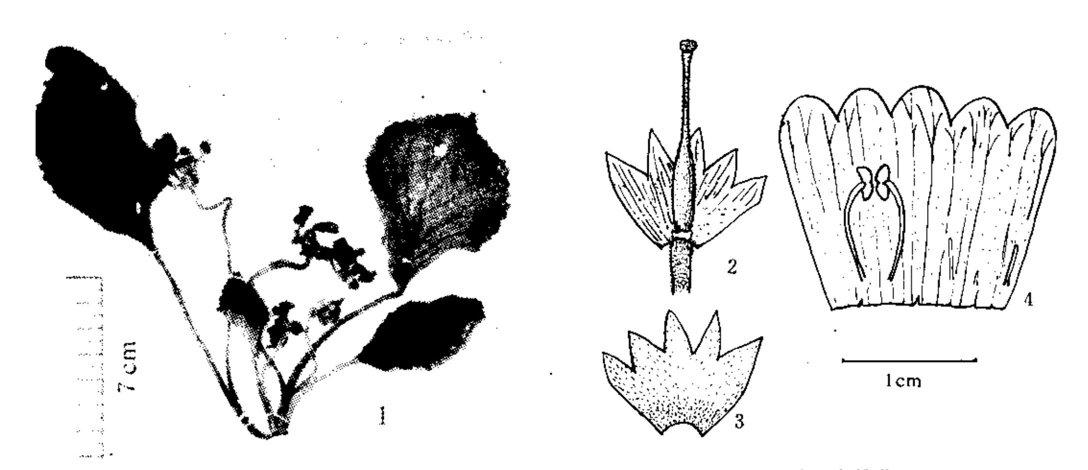


图1　安徽旋蒴苣苔　1. 植株; 2. 花萼和雌蕊; 3. 花萼外面观; 4. 花冠和雄蕊.
Fig.1　*Boea densihispidula* S. B. Zhou et X. H. Guo　1. habit; 2. Calyx and pistil; 3. outer view of calyx; 4. corolla and stamens.

本种与旋蒴苣苔 *Boea clarkeana* Hemsl.相近似。但全体密被白色多细胞糙毛,花丝、子房和花柱以及花冠、花萼的外面密被腺毛;花萼长 7—9mm,花冠蓝紫色和具较长的叶柄等特征可与后者区别。

多年生草本。全体密被白色多细胞糙毛,具粗短根茎。叶基生;叶片厚纸质,卵状椭圆形、卵形或倒卵形,长达 10cm,宽达 6cm,先端圆钝,基部楔形,边缘自基部以上具较整齐的圆钝齿;上面深绿色,除密被白色多细胞糙毛外,并杂有细丝状的细毛,下面灰绿色,被更密的糙毛,两面粗糙;侧脉 5—7 对,与中脉在上面微隆起,下面甚隆起;叶柄灰绿色,长达 10cm。花葶 1—数条(常 4 条),高 12—20cm,聚伞花序 2—3 回分枝;苞片阔卵形,长达 9mm;花梗长不过 5mm。花萼钟形,长 7—9 mm,外面密被白色多细胞糙毛,内面除疏被糙毛外并密被腺毛;萼齿 5,略呈二唇形,齿裂卵状三角形,长约 4mm,先端圆钝,上唇中裂片略宽,微呈蓝绿色。花冠蓝紫色,长 14—17 mm,外面密被白色长柔毛,内面密被腺毛;花冠管钟状筒形,略弯曲,长 10—12mm,冠檐二唇形,上唇 2 裂,长 3—4mm,下唇 3 裂,长 4—5mm 。雄蕊 5,着生于冠筒的中部;前对 2 能育,花丝弯曲密被腺毛,花药 2 室、叉开,后方退化雄蕊 3,两侧一对,花丝细瘦,花药消失,中间 1 枚极度退化,仅存短细花丝。花盘环状。子房圆柱形,长 7mm,密被腺毛,胚珠多数;花柱粗壮,长 8mm,密被腺毛;柱头盘状。果未见。